

# Global Methyl Bromide Trade for Producing Countries (non-QPS uses)

## Reported Methyl Bromide Production, 1991 - 1999 (MT)

Country	Historical							Future Designated Allowable				
	Baseline	1991	1995	1996	1997	1998	1999	2001	2002	2003	2005	2015
United States	28,180	28,180	25,557	26,866	26,969	27,454	24,560	14,090		8,454	0	0
Israel	28,000	28,000	24,213	22,839	24,125	23,954	18,888	14,000		8,400	0	0
Japan	5,627	5,627	5,270	5,015	4,842	4,568	4,033	2,813		1,688	0	0
France	4,195	4,195	3,294	4,567	4,296	3,467	3,172	N/A		N/A	N/A	N/A
China	1,294		285	1,100	1,460	2,330	1,460		1,294		1,035	0
Romania	31	0	36	18	17	52	22		31		24	0
Ukraine	0	0	1,402	0	0	0	0	0		0	0	0
Korea	0	320			0	0	0		0		0	0
India	0	124	0	0	0	0	0		0		0	0
<b>Total</b>		\$66,446	\$60,057	\$60,405	\$61,709	\$61,825	\$52,135					0

Sources: EPA 2001; Oberthür 2000, 2001; Ozone Secretariat 2001; UNEP 2000, 2001; U.S. Census 2001.

Note: Blank spaces indicate no reported data, while a zero (0) indicates either no reported data or 0 MT of methyl bromide consumption.

Shaded rows indicate Article 5 (Developing) countries.

Future designated allowable production for France is not presented because those allowances are allocated by the European Community (i.e., the European Community regulate individual countries' consumption as per Regulation (EC) No. 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer).

Totals may not sum due to independent rounding.

### For Producing Countries:

**Montreal Protocol Production Exceedances**  
1995- Ukraine

# Global Methyl Bromide Trade for Producing Countries (non-QPS uses) (cont.)

## Reported Methyl Bromide Consumption, 1991 - 1999 (MT)

Country	Historical							Future Designated Allowable				
	Baseline	1991	1995	1996	1997	1998	1999	2001	2002	2003	2005	2015
United States	25,528	25,528	22,422	21,533	20,772	21,087	17,425	12,764		7,658	0	0
Israel	3,580	3,580	-933	-1,940	3,337	3,694	2,479	1,790		1,074	0	0
Japan	6,107	6,107	5,971	5,261	5,530	5,187	5,247	3,053		1,832	0	0
France	4,195	4,195	3,294	4,567	4,296	2,576	2,461	N/A		N/A	N/A	N/A
China	1,837		620	1,200	2,260	3,267	2,664		1,837		1,469	0
Romania	186	0	287	167	119	171	56		186		149	0
Ukraine	0	0	650	-752	0	0	409	0		0	0	0
Korea	0	320	0	0	0	0	0		0		0	0
India	0	188	-4	-4	-5	-6	0		0		0	0
<b>Total</b>		\$39,918	\$32,307	\$30,032	\$36,309	\$35,976	\$30,741					0

Sources: EPA 2001; Oberthür 2000, 2001; Ozone Secretariat 2001; UNEP 2000, 2001; U.S. Census 2001.

Note: Blank spaces indicate no reported data, while a zero (0) indicates either no reported data or 0 MT of methyl bromide consumption.

Shaded rows indicate Article 5 (Developing) countries.

Future designated allowable consumption for France is not presented because those allowances are allocated by the European Community (i.e., the European Community regulate individual countries' consumption as per Regulation (EC) No. 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer).

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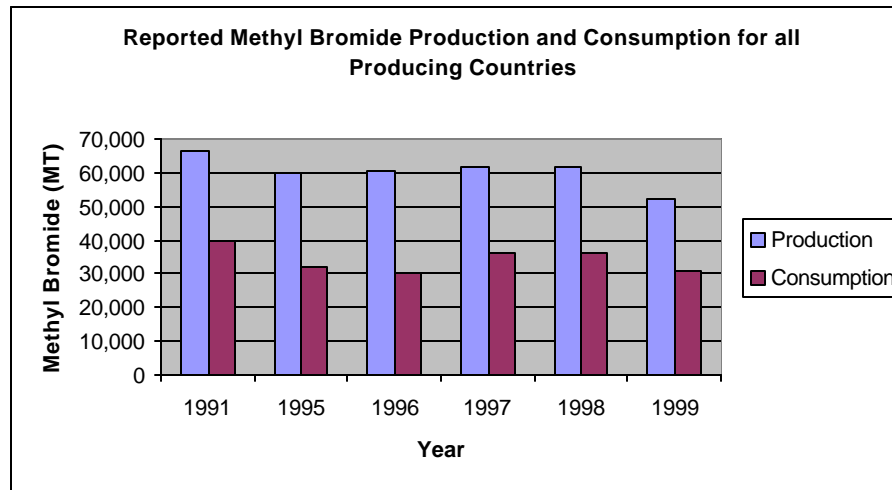
### For Producing Countries:

#### Montreal Protocol Consumption Exceedances

1995- Ukraine

1999- Japan, Ukraine

## Global Methyl Bromide Trade for Producing Countries (non-QPS uses) (cont.)

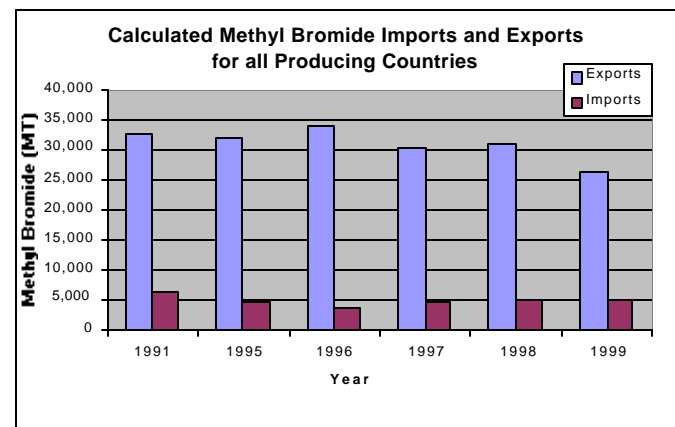


- The largest producers of methyl bromide worldwide are the U.S., Israel, Japan, France, and China.
- Non-Article 5 countries account for the majority of methyl bromide production which is decreasing on the whole; however production has risen slightly for Article 5 countries because of China's increase in manufacture from 285 MT of methyl bromide in 1995 to 1460 MT in 1999.
- In 1999, the U.S. produced approximately 40 percent of the total world production and consumed 35 percent of that production.
- In 1995, all producing Non-Article 5 countries, with the exception of Ukraine, comply with the Montreal Protocol, Article 2H, by not exceeding their baseline level of consumption.
- Ukraine was in excess of its baseline of 0 MT by 1,402 MT for production and 650 MT for consumption in 1995. Also in 1999, Ukraine was in excess of the level allowed under the Montreal Protocol (i.e. 25 percent reduction in methyl bromide consumption compared to 1991 levels) as 409 MT were consumed.
- In 1999, Japan was in excess of the 4,580 MT it was allowed under the phasedown requirements of the Montreal Protocol by 667 MT. Japan consumed 5,247 MT and thereby exceeded allowable consumption by 11 percent.

## Global Methyl Bromide Trade for Producing Countries (cont.)

### Calculated Methyl Bromide Net Exports & Percent of Production Exported, 1991 - 1999 (MT)

Country	1991		1995		1996		1997		1998		1999	
United States	8,498	30%	6,603	26%	8,463	32%	9,515	35%	9,943	36%	9,320	38%
Israel	24,420	87%	25,146	104%	24,779	108%	20,788	86%	20,260	85%	16,409	87%
Japan	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
France	0	0%	0	0%	0	0%	0	0%	891	26%	711	22%
China	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Romania	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Ukraine	0	0%	0	0%	752	0%	0	0%	0	0%	0	0%
Korea	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
India	0	0%	4	0%	4	0%	5	0%	6	0%	0	0%
<b>Total</b>	<b>32,918</b>	<b>50%</b>	<b>31,753</b>	<b>53%</b>	<b>33,998</b>	<b>56%</b>	<b>30,308</b>	<b>49%</b>	<b>31,100</b>	<b>50%</b>	<b>26,440</b>	<b>51%</b>



### Calculated Methyl Bromide Net Imports & Percent of Consumption from Imports, 1991 - 1999 (MT)

Country	1991		1995		1996		1997		1998		1999	
United States	5,846	23%	3,468	15%	3,130	15%	3,318	16%	3,576	17%	2,185	13%
Israel	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Japan	480	8%	701	12%	246	5%	688	12%	619	12%	1,214	23%
France	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
China	0	0%	335	54%	100	8%	800	35%	937	29%	1,204	45%
Romania	0	0%	251	88%	149	89%	102	86%	119	70%	34	61%
Ukraine	0	0%	0	0%	0	0%	0	0%	0	0%	409	100%
Korea	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
India	64	34%	0	0%	0	0%	0	0%	0	0%	0	0%
<b>Total</b>	<b>6,390</b>	<b>16%</b>	<b>4,755</b>	<b>14%</b>	<b>3,625</b>	<b>12%</b>	<b>4,908</b>	<b>14%</b>	<b>5,251</b>	<b>15%</b>	<b>5,046</b>	<b>16%</b>

Note: In countries besides USA where data were provided, exports and imports were calculated using reported production and consumption data. Methyl bromide quantity remaining after consumption was assumed to be exported; quantity consumed over the production amount was assumed to be imported.

Totals may not sum due to independent rounding.